

n.a.

*not in*

SATELLITE OBSERVATIONS MADE AT SATELLITE STATION STADE  
(Horst Kohnke, 216 Stade/Elbe, Thuner St. 98a, Western Germany)

Coordinates:  $53^{\circ} 35' 20''$  N $350^{\circ} 32' 24''$  W

Altitude above normal zero: 7.5 m

SAO No: 0708

COSPAR STATIONS No: 2567

## VA Variations in Brightness

Date,	Object	Code	Time	Magni-	Light Change
Rev. Nr.	Catalog No.	Name	GMT	tude	tumbling
3/2/65	1964-4 A	Echo 2	18.30-18.40, S-N	0	Steady
5,327	740		in W $75^{\circ}$ Alt.	-1	
3/2/65	1964-1 A	64-1 A	19.33-19.34 NW-SE	+4	Steady
5,789	727		in NE $65-70^{\circ}$ Alt.		
3/3/65	1962 Kappa	62 Kappa	22.59-23.02 N-S	+6.5-	Steady, occas.
9,968	1 271	1	in W $70-75^{\circ}$	+7	flashing
3/3/65	1963-14 A	63-14 A	23.30-23.35 S-N	+7-	Steady
5,745	574		in E $75-80^{\circ}$	+8	
3/7/65	1964-4 A	Echo 2	17.53-18.00 S-W	0	Steady
5,393	740		near zenith in W	-1	
			17.55:34 50/100		
			$5^{\circ}$ E Algenib		
			(Perseus)		
3/7/65	1964-1 A	64-1 A	18.33-18.39 NW-	+3	Steady
5,858	727		SE in NE $70^{\circ}$ Alt.		
3/7/65	1964-35 A	64-35A	18.48/49-18.51 S-	+4	Steady
3,758	824		N in E $75-80^{\circ}$		

*HC 1,00  
MF 1,50*

1 FACILITY FORM 602

**N67 10755**  
(ACCESSION NUMBER)  
2  
(PAGES)  
(NASA CR OR TMX OR AD NUMBER)

**07**  
(THRU)  
(CODE)  
(CATEGORY)

Date,	Object	Code	Time	Magni-	Light Change
Rev. Nr.	Catalog No.	Name	GMT	tude	tumbling
3/7/65	1964-19 B	Poljot 2	18.56-18.57 W-E	+4-	Steady
5,149	784		in NW/N 55°	+5	

## Position Measurements:

GMT 18: 56:57 15/100

R.A. 01: 40:00

Decl. + 61° Grad.

3/7/65	1964-1 D	64-1 D	18.58-19.00 NW-	+8	flashing per-
5,858	730		SE in zenith		iods 5.0 sec
3/7/65	62 Beta-	62 Beta-	19.06-19.08 SW-	flash	tumbling-
8,999	Kappa 1	Kappa 1	NE in NW 70-75°	600-700 periods	
	444			km +3	3.6 sec
3/7/65	1964-1 E	64-1 E	19.15-19.17 NW-	+8	Steady
5,853	731		SE in SW 75° Alt.		
3/7/65	1964-4 A	Echo 2	19.42-19.45 S-N	+1	Steady
5,394	740		in W 25° Alt.		
3/7/65	1964-76 A	Explorer	20.10-20.17 N-S	Apogee	Steady
1,315	931	24	near zenith south	+5-	
			of zenith	+6	
3/7/65	62 Kappa	62 Kappa	21.19-21.23 N-S	+6-	Steady
10,005	1 271	1	in E 70-75°	+6.5	

## Position Measurements:

GMT: 21: 20:35 40/100

R.A. 11: 30:00

Decl. + 55:30:00

Newly Observed Satellites:

1) 1964-1 D

With best greetings

HK